

Work Order ID 66136

Monday, February 07, 2011 11:02:25 AM



Page 1

Item ID:	D3564-13	Accept		Setup	Start	
Revision ID:						
Item Name:	Wearshoe				Stop	
Start Date:	2/8/2011	Start Qty:	20.00			
Required Date:	2/22/2011	Req'd Qty:	20.00			
Reference:						

Approvals:	Process Plan:	<u>MF</u>	Date:	<u>11-02-07</u>	Tooling:	<u>5</u>	Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3564	Rev D

100		0.00							
	FLOW WATER JET								
Waterjet		0.00							
FLOW CNC Waterjet	Memo								
<u>304</u> , <u>063</u>	I-Cut as per Dwg D3564 <input type="checkbox"/> Dwg Rev: <u>D</u> <input type="checkbox"/> Prog Rev: <u>D</u> <input type="checkbox"/> 2-								
	Deburr if necessary								

110		0.00							
	QC2- Inspect parts off machine FAI/FAIB								
QC		0.00							
Quality Control	Memo								

120		0.00							
	QC8- Inspect parts - second check								
QC		0.00							
Quality Control	Memo								

B 11-2-9

B 11-2-9

11 02 08 22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 66136

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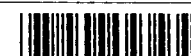
Page 2

Item ID: D3564-13

Accept



Setup Start



Revision ID:

Item Name: Wearshoe

Stop



Start Date: 2/8/2011 Start Qty: 20.00



Cust Item ID:

Required Date: 2/22/2011 Req'd Qty: 20.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



Brake NC

Brake NC

NC BRAKE

0.00

Memo

0.00

Deburr if necessary Form on Brake as per Dwg D3564 using Jigs DT 8179

SN 1162109

(22)

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

11 02 08 (22)

150



Powdercoat

Powder Coating

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

0.00

M 115128.

Memo

0.00

START TIME:

8:45

OVEN TEMPERATURE:

FINISH TIME:

4:15.

22 136 11-02-14.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 66136

Monday, February 07, 2011 11:02:25 AM



Page 3

Item ID: D3564-13

Accept



Setup Start



Revision ID:

Stop



Item Name: Wearshoe

Start Date: 2/8/2011 Start Qty: 20.00



Cust Item ID:

Required Date: 2/22/2011 Req'd Qty: 20.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160



QC

Quality Control

QC3- Inspect Part Finish

0.00

Memo

0.00

22 0 11/02/15

170



Packaging

Packaging

Identify as per dwg & Stock Location: FP-16 0.00

Memo

0.00

22 BR 11-02-15

180



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

OK 11/02/15

ME 11-02-15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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NOTE: Date & initial all entries

Picklist Print

Monday, February 07, 2011 11:02:22 AM

Page 1

Work Order ID: 66136



Parent Item: D3564-13



Parent Item Name: Wearshoe

Start Date: 2/8/2011

Required Date: 2/22/2011

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP Rev:A New Issue 07-03-08 ec
IPP Rev:B As per Rev C 07-07-09 JLM
IPP Rev:C As per Rev D 07-09-09 JLM Verified By:EC
IPP Rev:D Comments revised on Step 5, 6 per B44657 09-02-04 KJ
Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S16GA		Purchased	No			100	sf	222.2800	0.222	4.673684			



304/316 Sheet .063



B11-2-9

Location

Loc Qty

Loc Code

MAT

222.28

111323

0

116623

222.28

116623



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

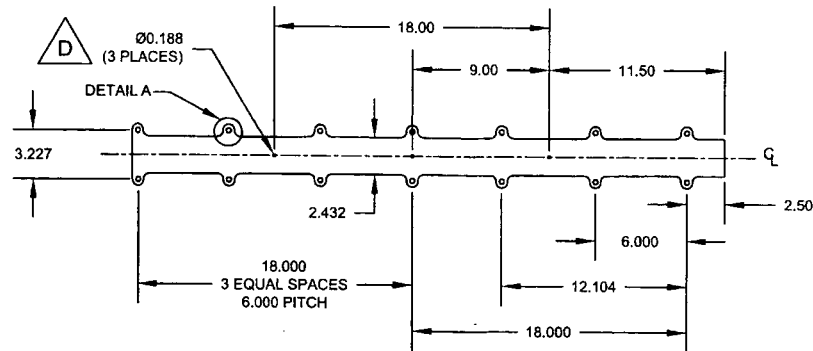
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

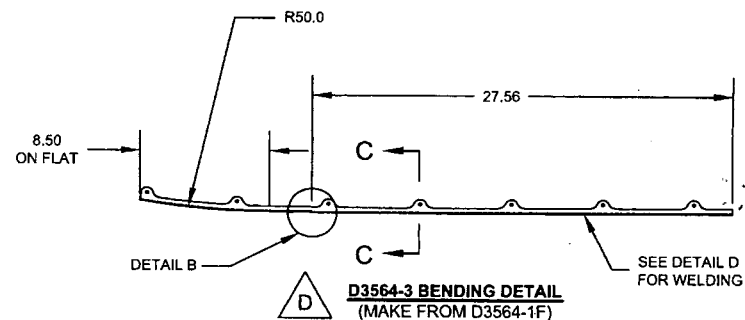
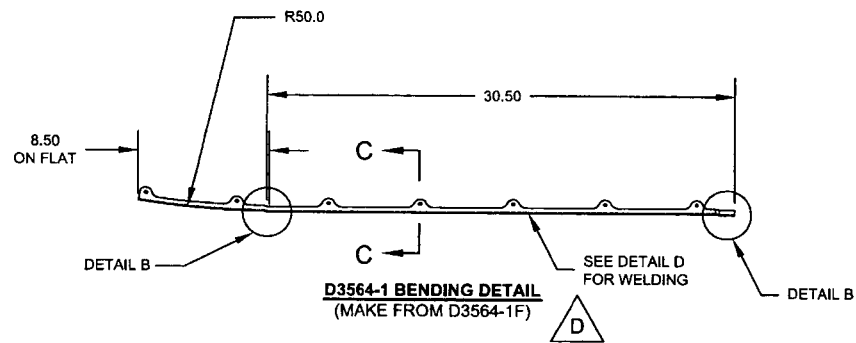
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#66136



D3564-1F FLAT PATTERN



D3564-1/-3/-5/-7/-9/-11/-13/-15 WEARPLATE NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 16 GAUGE (0.063 THICK)
(REF DART MATERIAL SPEC M304S16GA)
- 2) FINISH: POWDER COAT GREY SANDEX (REF 4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.015 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: SEE TABLE IN ZONE A3
- 8) WELD PER DART QSI 004
- 9) SEE PG 3 FOR SECTIONS AND DETAILS
- 10) PARTS ARE SYMMETRIC ABOUT Q

WEIGHTS:	
D3564-1	1.85 lbs
D3564-3	1.85 lbs
D3564-5	1.93 lbs
D3564-7	1.26 lbs
D3564-9	1.85 lbs
D3564-11	1.85 lbs
D3564-13	0.38 lbs
D3564-15	0.80 lbs

D	UPDATE DRAWING TEMPLATE; CHANGE ALL (TYP X PLS) TO (X PLACES); PG1 A8; UPDATE NOTES; PG1 A8, PG3 B5,C5; ADD D3564-15; PG1 B6,B3: D3564-1/-3 WAS ONE FIGURE; PG2 A7,A3: D3564-9/-11 WAS ONE FIGURE; PG2 A7,A3: D3564-9/-11 WAS ON PG1; PG3 B8,C8: D3564-13 WAS ON PG2; PG3 D2: WELDING DETAIL WAS ON PG1 PG3 A5,7,B2: RELOCATE DETAILS AND SECTION; PG3 A5,7,B2: INCREASE DETAIL AND SECTION SIZE		CB	07.08.21
	C		PH	07.04.17
	B		PH	07.03.20
	A		PH	06.12.18
REV.	DESCRIPTION		BY	DATE
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	CB			
CHECKED	PH	DRAWING NO.	REV. D	
MFG. APPR.	PH	D3564	SHEET 1 OF 3	
APPROVED	PH	TITLE	SCALE	
DE APPR.	PH	WEARSHOE	1:8	
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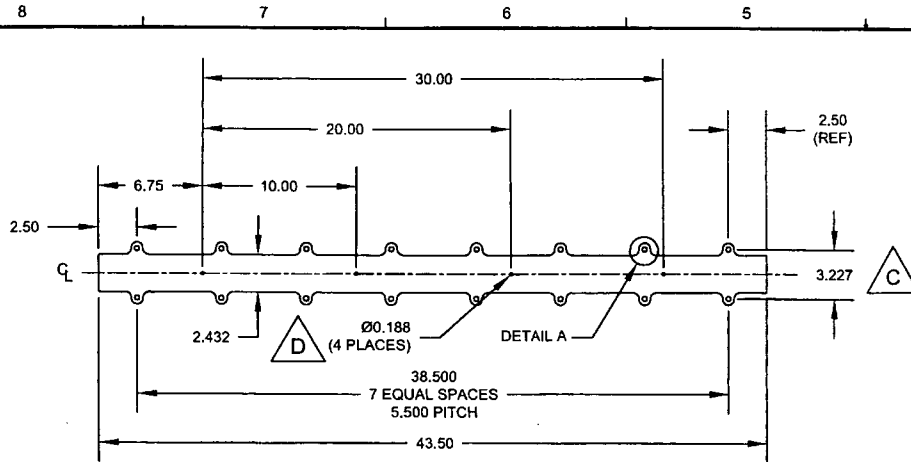
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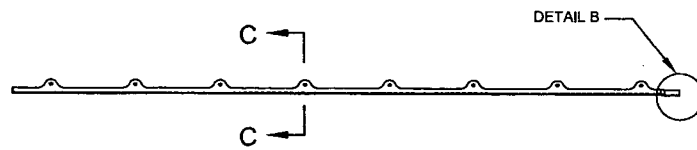
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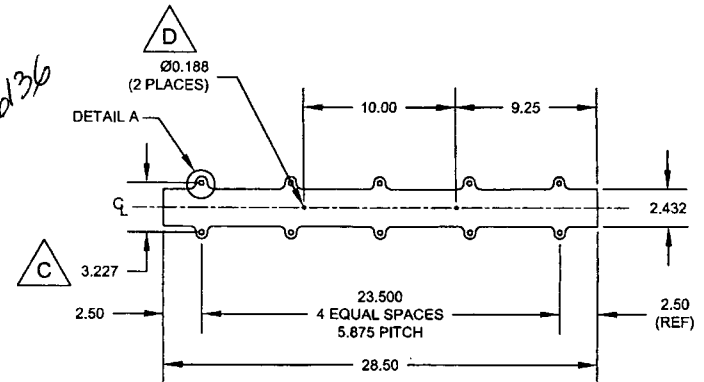
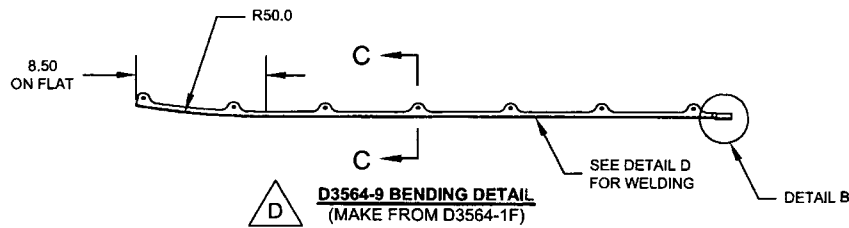
NOTE: Date & initial all entries



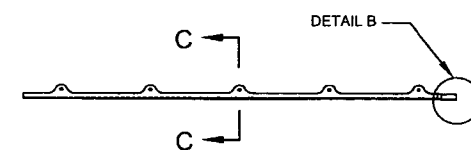
D3564-5F FLAT PATTERN



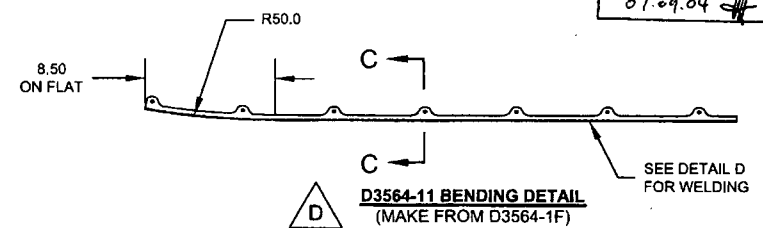
D3564-5 BENDING DETAIL
(MAKE D3564-5 FROM D3564-5F)



D3564-7F FLAT PATTERN



D3564-7 BENDING DETAIL
(MAKE D3564-7 FROM D3564-7F)



RELEASED

07.09.04

DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	CB		
CHECKED	PH	DRAWING NO.	REV. D
MFG. APPR.	PH	D3564	SHEET 2 OF 3
APPROVED	PH	TITLE	SCALE
DE APPR.	PH	WEARSHOE	1:8
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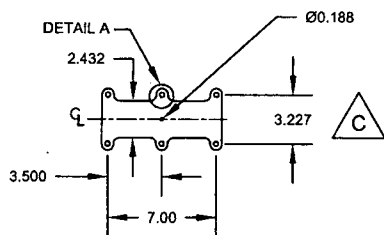
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

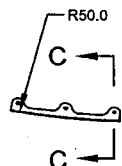
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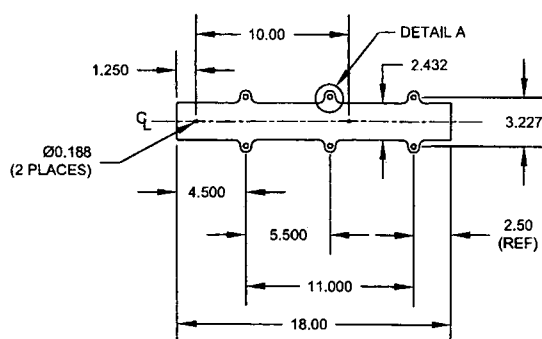
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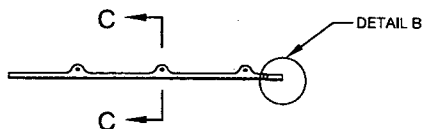
D3564-13F FLAT PATTERN



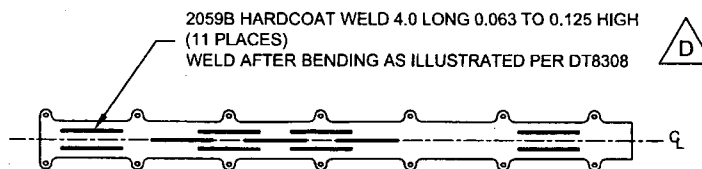
D3564-13 BENDING DETAIL
(MAKE D3564-13 FROM D3564-13F)



D3564-15F FLAT PATTERN



D3564-15 BENDING DETAIL
(MAKE D3564-15 FROM D3564-15F)

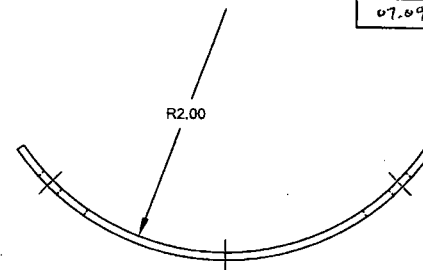


DETAIL D
(D3564-1/-3/-9/-11 WELDING DETAIL)

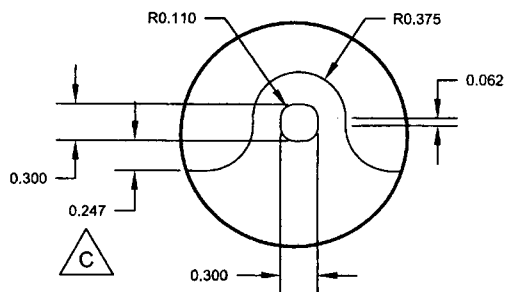
66126

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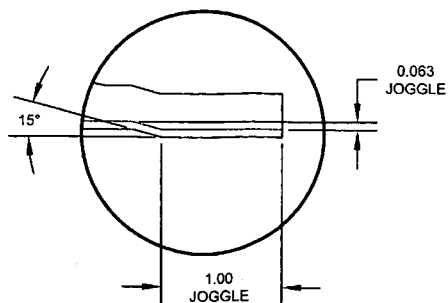
07.09.04



SECTION C-C
SCALE 1:1



DETAIL A
SCALE 1:1



DETAIL B
SCALE 1:1

DESIGN	PH	DART AEROSPACE LTD	
DRAWN	CB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PH	DRAWING NO. D3564	REV. D
MFG. APPR.	PH		SHEET 3 OF 3
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8 7 6 5 4 3 2 1

